Replacement Parts List No. 700025000
Rev. G 4/2015

SmartSource™ Single Stage Horizontal Water Source Heat Pump

WGSH
Sizes 042 - 070

Design 1

DAIKIN McQUAY®

To find your Daikin Applied parts distributor, call 1-800-377-2787 or visit www.DaikinApplied.com

Contents

Parts List Revision History 3

Nomenclature
- Serial Number 4
- Model Number 4-6

Electrical Legend 7

Unit Sections 8
Return Air Configurations 8

Blower Fan Assembly 9

Refrigeration Circuit
- Diagrams 10
- Components 11
- Hot Gas Reheat 12
- Water Flow Regulator 12
- Loop Pump 13

Control Box- Microtech III Controller
- Diagrams 14
- Components 15

Field Installed Accessories 16-20

Critical Parts List CPL1

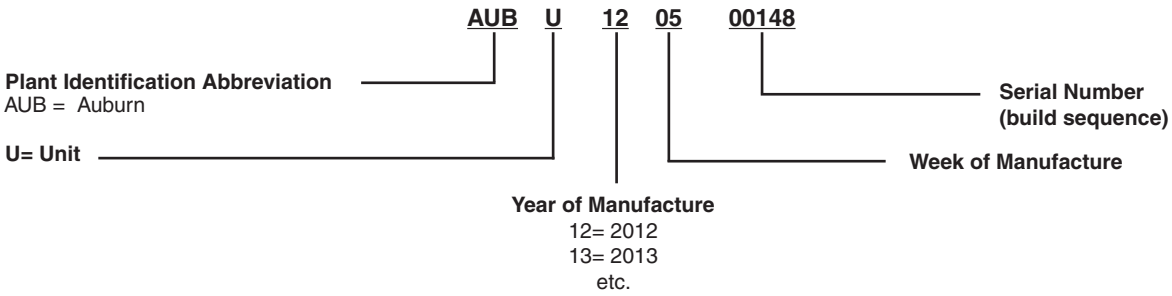
Parts List Revision History

Rev.	Date	Description
NEW	8/12	NEW
A	10/12	Page 12- Change condensate pan p/ns to SERVSub p/ns. Change condensate pan p/ns to SERVSub p/ns. Delete all base pans. Page 14 - Delete Series 2 from p/n 250806500 & 250806601 descriptions. Page 16- Add Electric Duct Heater Kit. CPL1- Delete Series 2 from p/n 250806500 & 250806601 descriptions.
B	2/13	Page 11- Change Condenser to CO-AX Condenser. Page 14- Change MTIII control board p/n 250806500 to 668105601. Change I/O expansion board assy p/n 250806601 to 668105702. CPL1- Change MTIII control board p/n 250806500 to 668105601. Change I/O expansion board assy p/n 250806601 to 668105702. Change LonWorks com card p/n 250806801 to 668105801. Change BACnet com card p/n 250806701 to 668105901.
C	2/13	Page 14- Change MTIII control board p/n 668105601 to 250806500. Change I/O expansion board assy p/n 668105702 to 250806601. Change LonWorks com card p/n 668105801 to 250806801. Change BACnet com card p/n 668105901 to 250806701. Remove footnote. CPL1- Change MTIII control board p/n 668105601 to 250806500. Change I/O expansion board assy p/n 668105702 to 250806601. Change LonWorks com card p/n 668105801 to 250806801. Change BACnet com card p/n 668105901 to 250806701.
D	3/13	Page 9- Add 460V table for ECM motors. Change ECM motors from phantom p/ns to Program p/ns. Page 16- Add Actuator p/n 107179809 to 3-Way Valves na rename Waterside Economizer. Rename 2-Way Valves to Motorized Valves. Remove Wire Harness Assy p/n 910107989 from MTIII module kits. Page 18- Remove Boilerless System Kits and move sensors to Thermostats & Sensors. CPL1- Add 460V to ECM motors.
E	10/13	Rebrand Daikin. Page 9- Add ECM & Program to motor descriptions. Page 14- Add Transformers TR3 p/ns 668917725, 668917720, 668918300, 668917730, 668917715. CPL1- Add ECM & Program to motor descriptions.
F	10/14	Numerous drawing & p/n changes done. Separate vertical & horizontal units. Pages 4-6 Change to horizontal model configeration. Code changes to C03, C10, C43 & C44. Page 8- Delete Typical Refrigeration Cycle and add Unit Sections and Return Air Configerations. Page 12- Add Hot Gas Reheat and Water Flow Control. Page 13- Add Ground Loop. Page 15- Delete the control box BACnet & LonWorks p/ns 250806701 & 250806801. Pages 16-20- Add Loop Pumps. Numerous hoses were added. Add MTIII H-8 Harness Kit & Ball Valves. CPL1- Delete BACnet & LonWorks p/ns 250806701 & 250806801.
G	4/15	Page 9- Delete ECM p/ns and add nameplate diagram and footnote1. Page 15- Delete control board p/n and add footnte *. Change Ref# 330 Change I/O Exp Board p/n 250806601 to 250806601. CPL1- Delete control board and ECM p/ns.

Daikin Applied,13600 Industrial Park Blvd., P.O. Box 1551, Minneapolis, MN 55440 (763) 553-5330

Nomenclature

Serial Number



Model Number

	W	GSH	042	B	1	E	WL	R	E	4	Y	Y	Y	C	S	YYY	B	2	A	Y	Y	Y	Y	2L	B	J	Y	Y	Y	YYY
Code	01	02-03	04	05	06	07	08	09	10	11	12	13	14	15	16	17-18	19	20	21	22	23	24	25	26	27	28	29	30	31	32-34

	Y	YYY	S	Y	Y	B	S	Y	A	Y	A	T	Y	C	Y	YY	Y	Y	2	Y	Y	S	A	L	K	Y	Y	Y	Y	YY
Code	35	36-38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66-67

	Y	Y	A	Y	Y	Y	Y	A	A	Y	C	Y	Y	YY	FF	ST	ST	YY	YYY	Y	C	Y	Y	YY	1					
Code	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92					

Code 01= Unit Type
W= Water Source Heat Pump

Code 02= Model Type
GS= High Efficiency, Single Stage

Code 03= Configuration
H= Horizontal

Code 04= Unit Size (BtuH Nominal Cooling)
042= 42000
048= 48000
060= 60000
070= 70000

Code 05= Unit Control
B= MicroTech III Unit Controller

Code 06= Design Series (Vintage)
1= Design 1

Code 07= Voltage
E= 208-230/60/1
F= 208-230/60/3
K= 460/60/3

Code 08= Range for Entering Water/Glycol Temp.
GW= Ground Water
WL= Water Loop
GL= Ground Loop

Code 09= Return Air Location
L= Left-Hand Return Air & Right-Hand Piping
R= Right-Hand Return Air & Right-Hand Piping

Code 10= Discharge Air Location
E= End
S= Straight

Code 11= Fan Motor
4= ECM Constant CFM

Code 12= Dehumidification Option
B= Hot Gas Reheat Smart Dehumidification
C= Simplified Dehumidification
(Lower CFM no HGRH or no Humidistat)
D= Humidistat Controlled Dehumidification (No HGRH)
E= Humidistat only
Y= None

Code 13= Sound Packages
A= Premium
Y= None

Code 14= IAQ Packages (Indoor Air Quality)
Y= None

Code 15= Coaxial Heat Exchanger Construction
C= Copper Inner Tube- Steel Outer Tube
S= Cupro-Nickel Inner Tube- Steel Outer Tube

Code 16= Primary Air Coil Options
S= Standard
E= E-Coated

Codes 17-18= Always YYY

Continued on next page.

Nomenclature

Code 19= Communication Module
B= BACnet
F= BACnet - WSHP System
L= LonWorks
Y= None

Code 20= Filter Rack
2= 4-Sided, 2" w/Duct Collar & Door
3= 4-Sided, 2" w/Duct Collar, Door, Hi-Merv Seal
4= 4-Sided, 4" w/Duct Collar, Door, Hi-Merv Seal
Y= None

Code 21= Filter Type
A= 2" Disposable
E= Merv (2" thick) 8 Factory Installed
G= Merv 13 (4" thick) Factory Installed
Y= None

Code 22= Water Coil- Indoor Air
E= Waterside Economizer
Y= None

Code 23= Electric Heating- Indoor Air
P= Control for Electric Heat, Single 24V Signal
(Field Installed Duct Heater by Others)
Y= None

Code 24= Control Secondary Heat Type
B= Boilerless Electric Heat
E= Emergency Heat
P= Primary Electric Heat (No Heat Pump Heating)
S= Supplemental Heat
Y= None

Code 25= Desuperheater (Hot Water Generator)
Y= None

Code 26= Loop Pump
1S= Low Head 230 V, Qty =1
1L= High Head 230 V, Qty =1
2S= Low Head 230 V, Qty =2
2L= High Head 230 V, Qty =2
3S= Low Head 115 V, Qty =1
4S= Low Head 115 V, Qty =2
YY= None

Code 27= Coaxial Coil Supply Liquid Flow Control
B= 2-Way, Motorized- 24V Valve Control, NO
C= 2-Way, Motorized- 24V Valve Control, NC
Y= None

Code 28= Coaxial Coil Supply Liquid Auto Flow Reg
J= 9.0 GPM
K= 10.0 GPM
L= 11.0 GPM
M= 12.0 GPM
N= 13.0 GPM
P= 15.0 GPM
S= 18.0 GPM
Y= None
Code 29= Coaxial Coil Supply Liquid Strianer
Y= None

Code 30= Always Y

Code 31= Desuperheater Water Flow Options
Y= None

Codes 32- 34= Always YYY

Code 35= Water Coil Piping (HW or Waterside Economizer)
A= 3-Way, Motorized- 24V Valve Control, NO to Coax
Y= None

Codes 36-38 = Always YYY

Code 39= Primary Drain Pan Material
S= Stainless Steel

Code 40= Secondary Drain Pan Material
Y= None

Code 41= Compressor Insulation
B= Sound Blanket
P= Premium
Y= None

Code 42= Compressor Isolation
B= Isolated Base

Code 43= Insulation- Compressor Compartment
S= Standard Insulation Package
I= Indoor Air Quality (IAQ) Insulation Package
R= Sound Reduction Package

Code 44= Always Y

Code 45= Insulation- Piping
A= Insulated Piping
Y= None

Code 46= Always Y

Code 47= Cabinet Finish
A= Powder Coat
G= Galvanized Steel

Code 48= Cabinet Color
T= Textured Charcoal Bronze
W= Off White
Y= None

Code 49= Always Y

Code 50= Fan Motor Control
C= Various Speeds with 4 Adjustment Settings

Code 51= Fan Motor Control location
Y= None

Code 52= Always YY

Code 53= Disconnect Switch
N= Non-Fused
Y= None

Code 54= Always Y

Continued on next page.

Nomenclature

Code 55= Control Transformer
1= 50VA
2= 75VA

Code 56= Thermostat/Sensor Control
S= Sensor Control
T= Thermostat Control

Code 57= Currrent Sensing Switches
Y= None

Code 58= Condensate Overflow Protection
S= Sensor

Code 59= High Pressure Switch
A= 600 psi NC

Code 60= Low Pressure Switch
L= 7 psi NC

Code 61= Low Temp. Protection Compressor Suction
K= Thermistor 10K

Code 62= Discharge Air Thermistor
K= Thermistor 10K
Y= None

Code 63= Leaving Supply Fluid Temp
K= Thermistor 10K
Y= None

Code 64= Entering Supply Fluid Temp
K= Thermistor 10K
Y= None

Code 65= Return Air Thermistor
K= Thermistor 10K
Y= None

Code 66-67 = Always YY

Code 68= Terminal Block Connection
Y= None

Code 69= Emergency Switch for Electric Heat
Y= None

Code 70= Annunciator
A= Annunciator

Code 71= Reset Button
Y= None

Code 72 = Monitoring
Y= None

Code 73= Emergency Stop
Y= None

Code 74= External Binary Output 1
Y= None

Code 75= Expansion Device
A= Thermal Exp. Valve Thermal Bulb & Equalizer Tube

Code 76= Alarm Relay
A= Alarm Relay (Dry Contacts)
Y= None

Code 77= Dirty Filter Sensor
Y= None

Code 78= Reversing Valve
C= Normally Open in Cooling Mode

Code 79= Outside Air Control
Y= None

Code 80= Always Y

Code 81= Boilerless Electric Heat Setpoint
GL= Glycol 28F
WA= Water 55F
YY= None

Code 82= Freeze Fault Protection
FF= Freeze Fault Protection
YY= None

Code 83= Occupied Setpoint Differential (1-5F)
ST= Setpoint (1˚F)

Code 84= Unoccupied Setpoint Differential (2-10F)
ST= Setpoint (2˚F)

Code 85= Hydronic Heating on Setpoint (70-90F)
YY= None

Code 86= BACnet Address
YYY= None

Code 87= Always Y

Code 88= Agency
C= ETL, CETL, ARI

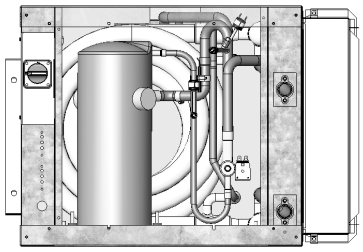
Code 89= Conformance
Y= None

Code 90= Always Y
Code 91= Extended Warranty
Code 92= Product Style

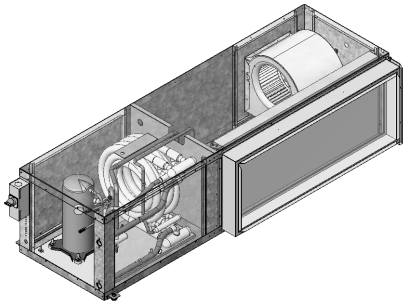
Electrical Legend

AN1, 2..... LED/Annunciator Circuit 1, 2
C01 - 04..... Fan Motor, Capacitor 1-4
C11 - 12..... Capacitor, Compressor
CP1, 2..... Compressor 1, 2
COS..... Condensate Overflow Sensor
DAT..... Discharge Air Temp Sensor
EWT..... Entering Water Temp Sensor
HP1, 2..... High Pressure Switch 1, 2
ISO ..... Water Flow Isolation Valve Actuator
LT1, 2..... Suction Line Temp Sensor 1, 2
LWT ..... Leaving Water Temp Sensor
MCB..... Main Control Board
NCB..... Network Control Board
RAT..... Return Air Temp Sensor
RV1, 2..... Reversing Valve 1, 2
TR1..... Transformer, Control
TR2..... Transformer, Fan Motor
TR3..... Transformer, Loop Pump
WSE ..... Water Side Economizer Actuator

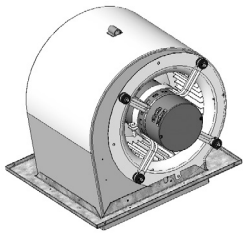
Unit Sections



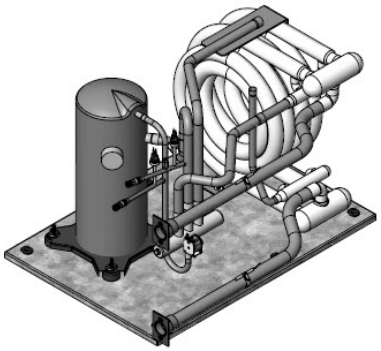
Front View



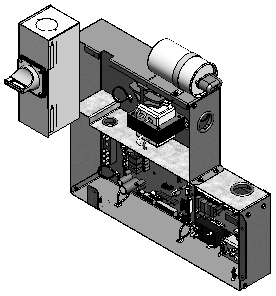
Side View



Blower Fan Assy

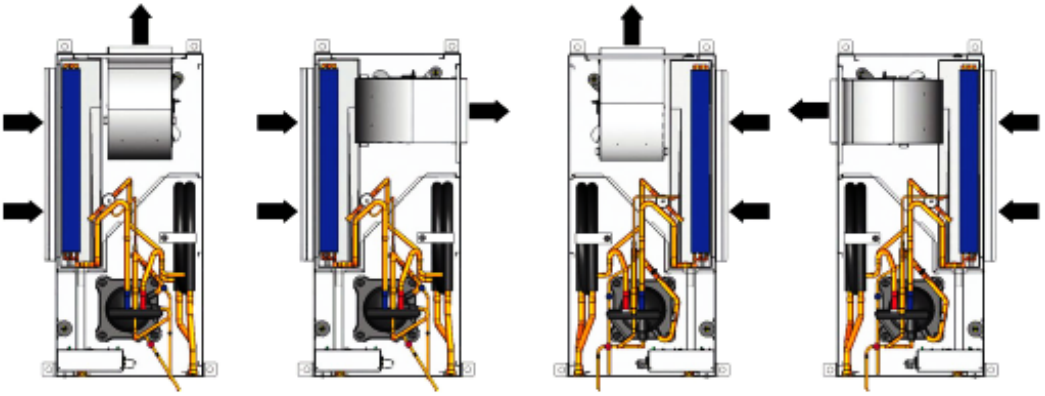


Refrigeration Circuit



Control Box

Return Air Configurations



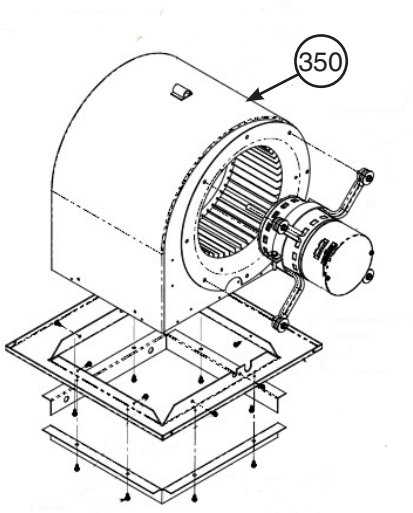
Left-hand return with end discharge

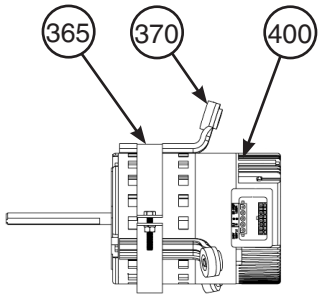
Left-hand return with straight discharge

Right-hand return with end discharge

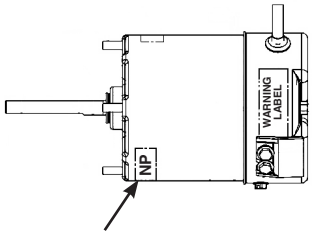
Right-hand return with straight discharge

Blower Fan Assembly





ECM Motor Detail

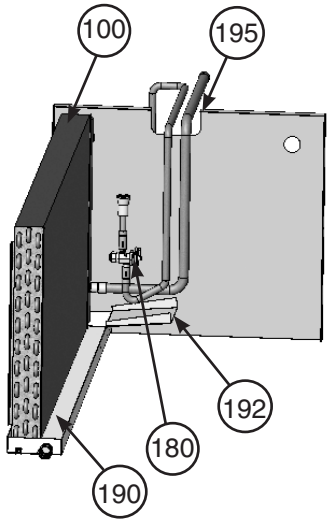


ECM Motor Nameplate

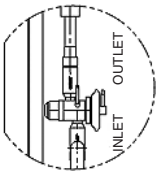
Ref. No.	Description	Part Number	Unit Sizes			
			042	048	060	070
350	Blower Housing & Wheel Assy	668151101	1	1	1	1
365	Band- Motor Mount	910121966	1	1	1	1
370	Arm- Motor Mount	910121965	4	4	4	4
400	**ECM Motor (Code 11 = 4)**	[1]	See ECM motor nameplate.			

[1] The PN for the ECM motor is found on the label (see illustration above).
You may also contact Daikin Applied with the Unit Model & Serial Number to get the ECM Motor part number.

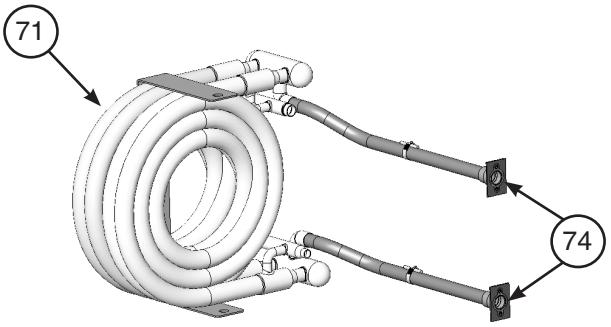
Refrigeration Circuit
Diagrams



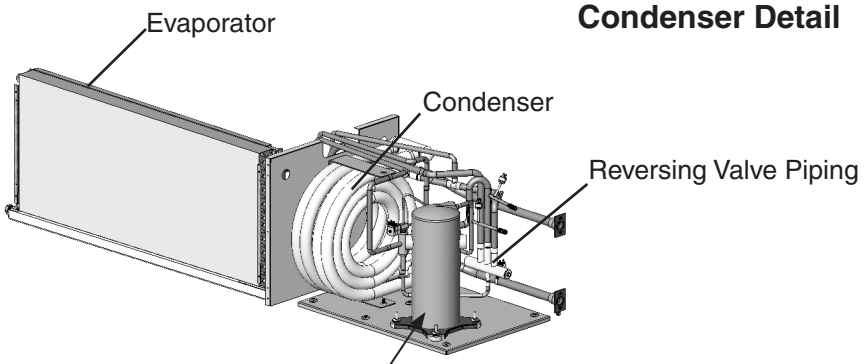
Evaporator/TXV Detail



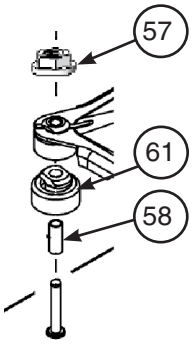
TXV Detail
ORIENT AS SHOWN



Condenser Detail

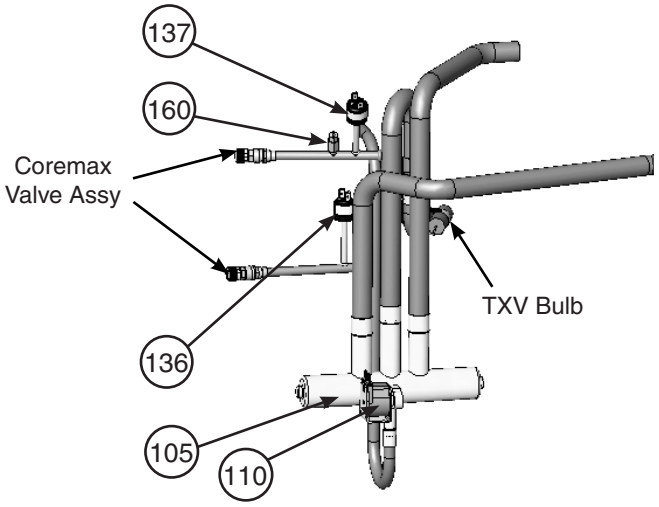


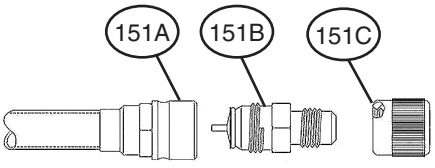
Compressor



Compressor Mounting Detail

Reversing Valve Piping





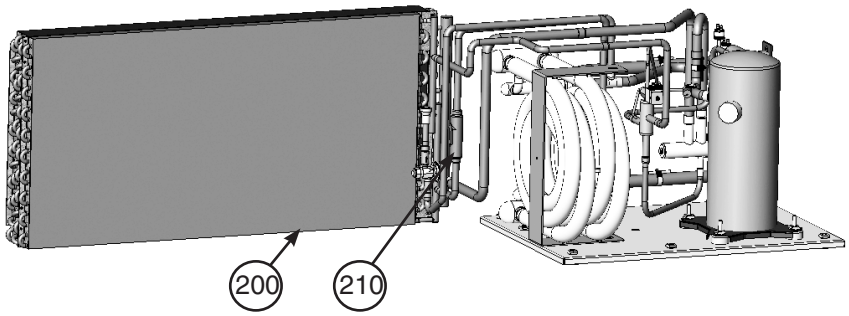
Coremax Valve Assembly Detail

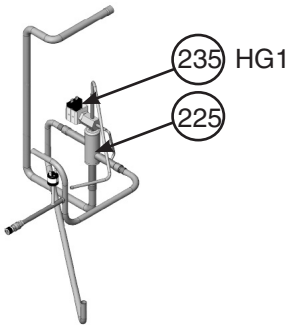
Refrigeration Circuit
Components

Ref. No.	Description		Part Number	Unit Sizes			
				042	048	060	070
57	Nut, Compr. Mounting		802012035	4	4	4	4
58	Grommet, Compr. Mounting		4RHZ9154	4	4	4	4
61	Sleeve, Compr. Mounting		060623401	4	4	4	4
69	Compressor, 36000 BTUH	208-230/60/1	669816409	1			
	Compressor, 42000 BTUH	208-230/60/1	668408001		1		
	Compressor, 51000 BTUH	208-230/60/1	669816415			1	
	Compressor, 61500 BTUH	208-230/60/1	669816418				1
	Compressor, 36000 BTUH	208-230/60/3	669816411	1			
	Compressor, 42000 BTUH	208-230/60/3	668408002		1		
	Compressor, 51000 BTUH	208-230/60/3	669816417			1	
	Compressor, 61500 BTUH	208-230/60/3	669816420				1
	Compressor, 36000 BTUH	460/60/3	669816410	1			
	Compressor, 42000 BTUH	460/60/3	668408003		1		
	Compressor, 51000 BTUH	460/60/3	669816416			1	
	Compressor, 61500 BTUH	460/60/3	669816419				1
N/S	Sound Blanket	30 x 16.5"	669280601	1	1	1	1
71	CO-AX Condenser	Copper Inner Tube	669817501	1	1		
	CO-AX Condenser	Copper Inner Tube	669817503			1	1
	CO-AX Condenser	CUNI Inner Tube	910129723	1	1		
	CO-AX Condenser	CUNI Inner Tube	910129725			1	1
74	Adapter	1.00 X 1.13 ODS	910129165	2	2	2	2
100	Evaporator Coil Assy [1]	RH Return Air	669952054	1	1		
	Evaporator Coil Assy [1]	RH Return Air	669952070			1	1
	Evaporator Coil Assy [1]	LH Return Air	669952060	1	1		
	Evaporator Coil Assy [1]	LH Return Air	669952069			1	1
105	Reversing Valve		910125410	1	1	1	1
110	Solenoid, Reversing Valve		106694207	1	1	1	1
136	High Pressure Switch		910117560	1	1	1	1
137	Low Pressure Switch		107225101	1	1	1	1
151A	Seat, Fitting		668188801	1	1	1	1
151B	Core, Valve		668188701	1	1	1	1
151C	Cap, Valve		668189501	1	1	1	1
160	Fusible Plug Assy		669954002	1	1	1	1
	Plug Only	283° F	106057401	1	1	1	1
180	Expansion Valve	2.5T	910116445	1			
	Expansion Valve	3T	910116446		1	1	
	Expansion Valve	4T	910116447				1
190	Drain Pan	RH	669971951	1	1		
	Drain Pan	RH	669971952			1	1
	Drain Pan	LH	669971945	1	1		
	Drain Pan	LH	669971943			1	1
192	Auxilliary Drain Pan		669816839	1	1	1	1
195	Gasket, Vinyl	8.25"	910105410	1	1	1	1

N/S= Not shown on diagram.
[1] Please contact Daikin Applied Parts for E-Coat on evaporator coil assy.

Refrigeration Circuit
Components



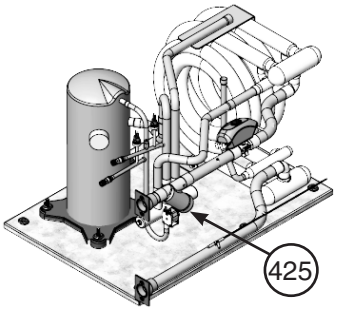


Reclaim Valve & Tubing

Hot Gas Reheat (HGRH)

Ref. No.	Description		Part Number	Unit Sizes			
				042	048	060	070
200	HGRH Coil Assy [1]	RH	669949331	1	1		
	HGRH Coil Assy [1]	RH	669949316			1	1
	HGRH Coil Assy [1]	LH	669949334	1	1		
	HGRH Coil Assy [1]	LH	669949333			1	1
210	Valve, Check	5/8 ODS	669816600	1	1	1	1
225	3-Way Reclaim Valve	until 12/13	910114188	1	1	1	1
	3-Way Reclaim Valve	12/13 & later	910149327	1	1	1	1
235	Actuator, Reclaim Valve		910125395	1	1	1	1

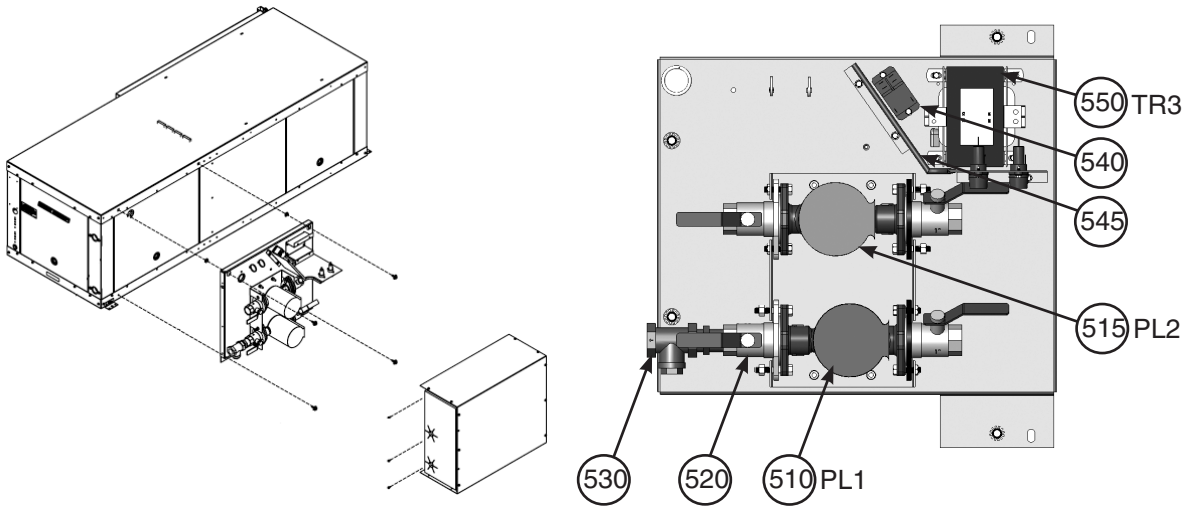
[1] Please contact Daikin Applied Parts for E-Coat on HGRH coil assy.



Water Flow Regulator

Ref. No.	Description		Part No.	Qty.
425	Auto Flow Control Valve, 1"	9.0 GPM	910122446	1
	Auto Flow Control Valve, 1"	10.0 GPM	910122447	1
	Auto Flow Control Valve, 1"	11.0 GPM	910122448	1
	Auto Flow Control Valve, 1"	12.0 GPM	910122449	1
	Auto Flow Control Valve, 1"	13.0 GPM	910122450	1
	Auto Flow Control Valve, 1"	15.0 GPM	910122451	1
	Auto Flow Control Valve, 1"	18.0 GPM	910122452	1

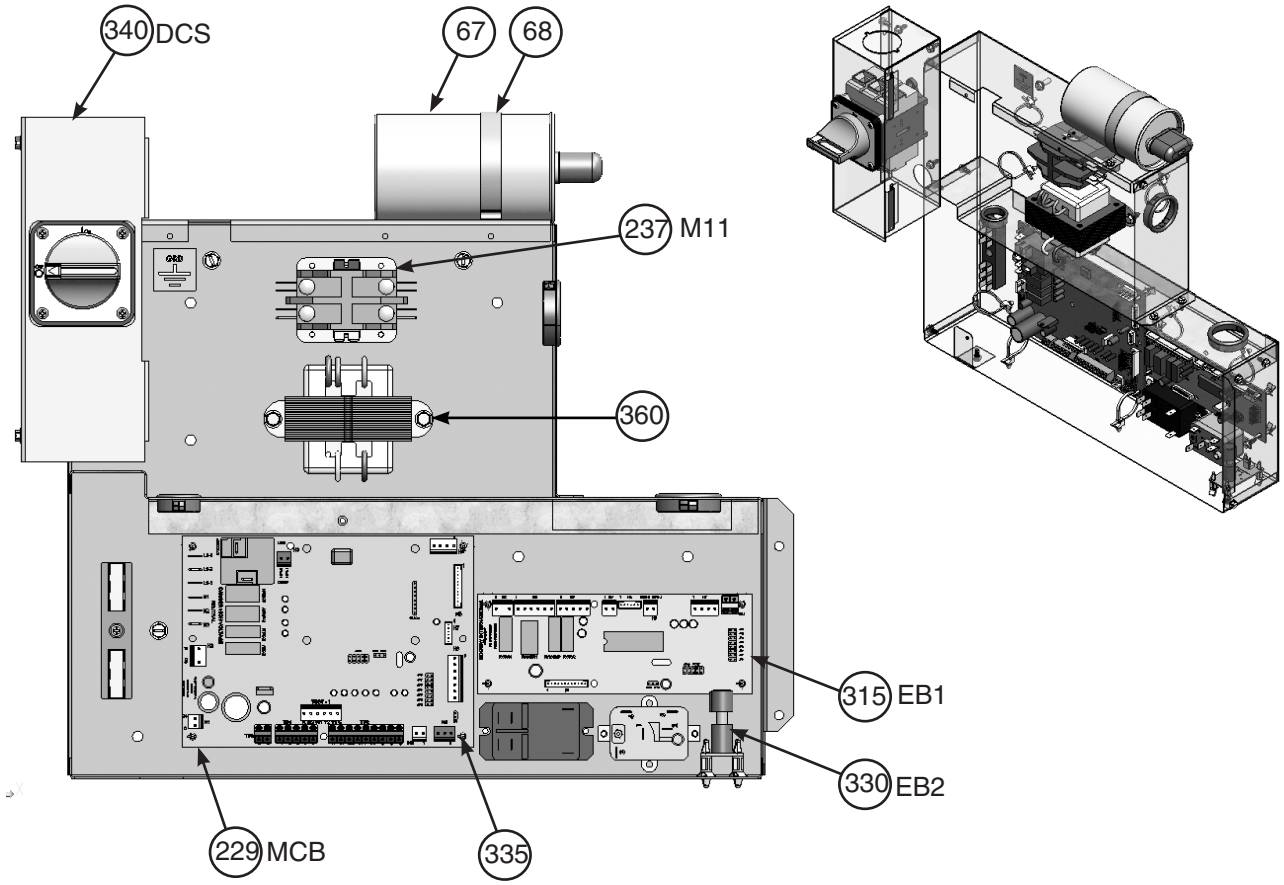
Refrigeration Circuit
Components

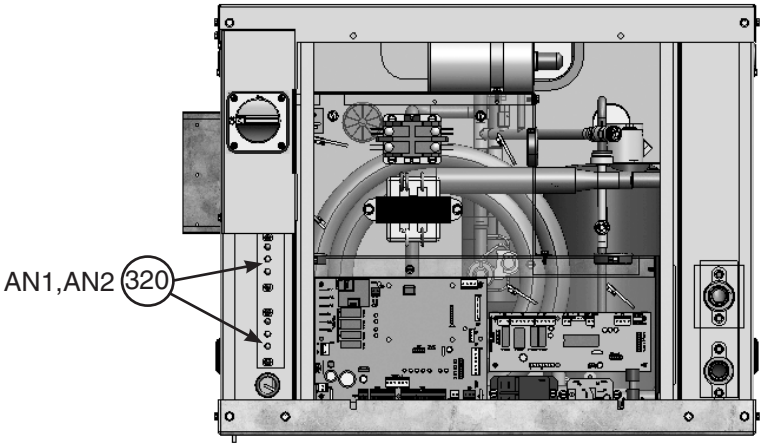


Loop Pump

Ref. No.	Description		Part Number	Qty.
510	Pump Circulator, Low Head	115/60/1	910131434	1
	Pump Circulator, Low Head	230/60/1	668200904	1
	Pump Circulator, High Head	230/60/1	668200911	1
515	Pump Circulator, Low Head	115/60/1	910131435	1
	Pump Circulator, Low Head	230/60/1	668200908	1
	Pump Circulator, High Head	230/60/1	668200910	1
520	Flange Kit, Isolation Valve, 3/4"		910131451	2
	Flange Kit, Isolation Valve, 1"		910131452	2
530	Check Valve, 3/4"		910132273	1
	Check Valve, 1"		910132274	1
540	Relay, DPST, 30A		106500102	1
545	Loop Pump Gasket, Vinyl, 7.25"		910105409	1
550	Transformer, 208V-115V	500VA	668917725	1
	Transformer, 265V-115V	500VA	668917720	1
	Transformer, 265V-230V	500VA	668918300	1
	Transformer, 460V-115V	500VA	668917730	1
	Transformer, 460V-230V	800VA	668917715	1

Control Box
MicroTech III Base Controller: Code 5= B
Diagrams





Front View

Control Box
MicroTech III Base Controller: Code 05= B
Components

Ref. No.	Description		Part Number	Unit Sizes			
				042	048	060	070
67	Bracket, Capacitor		850010570	1	1	1	1
68	Capacitor, 208-230/60/1	45MFD 370VAC	910120052	1			
	Capacitor, 208-230/60/1	70MFD 370VAC	910120057		1	1	
	Capacitor, 208-230/60/1	80MFD 370VAC	910120058				1
229	Control Board, MicroTech III		*	1	1	1	1
315	I/O Expansion Board		250806602	1	1	1	1
320	Annunciator LED		668395201	2	2	2	2
330	Fan Speed Selection Board		668917201	1	1	1	1
	Fan Speed Selection Board		910143618	1	1	1	1
335	Stand Off						
	PC Board		802028115	5	5	5	5
	Edge- Holders	Comm. Card only	910105356	4	4	4	4
237	Contactor, Compressor- 208V	until 3/13	073322502	1	1	1	1
	Contactor, Compressor- 208V	3/13 & later	910140339	1	1	1	1
	Contactor, Compressor- 24V, 30A	until 3/13	073322601	1	1	1	1
	Contactor, Compressor- 24V, 30A	3/13 & later	910140340	1	1	1	1
	Contactor, Compressor- 40A	until 3/13	668916601	1	1	1	1
	Contactor, Compressor- 40A	3/13 & later	910140343	1	1	1	1
340	Disconnect Switch	10A	910150557	1	1	1	1
	Disconnect Switch	16A	910150558	1	1	1	1
	Disconnect Switch	20A	910150559	1	1	1	1
	Disconnect Switch	25A	910150560	1	1	1	1
	Disconnect Switch	45A	910118577	1	1	1	1
	Disconnect Switch	63A	910123457	1	1	1	1
360	Transformer, 208/230V	50VA	910116202	1	1	1	1
	Transformer, 460V	50VA	910116205	1	1	1	1
	Transformer, 208/230V	75VA	910116213	1	1	1	1
	Transformer, 460V	75VA	910116209	1	1	1	1
N/S	Suction Line Temp Sensor, 10K	(SLTS)	910121231	1	1	1	1
N/S	Air Temp Sensor, 10K	(DAT, RAT)	910106325	2	2	2	2
N/S	Water Temp Sensor, 10K	(EWT, LWT)	107201601	2	2	2	2

N/S= Not shown on diagram.
*Contact Daikin Applied with the software p/n from the board or the unit serial number to insure correct board is ordered.

Field Installed Accessories

Filters and Filter Rack

Description	042/048	060/070
Kit, Filter, 2" Throwaway	669817403	669817404
12 Pack of 2" Throwaway	910129106	910129107
Kit, Filter, 2" MERV 8 Throwaway	669817413	669817414
12 Pack of 2"MERV 8 Throwaway	910129117	910129118
Kit, Filter, 4" MERV 13 Throwaway	669817423	669817424
6 Pack of 4" MERV 13 Throwaway	910129128	910129129

Thermostats & Sensors

Description	Part Number
Room Sensor, Digitally Adj, Temp & Humidity Display	910121754
Wall Sensor, Adj. Cool/Warm, Occupancy Switch	910121753
Programmable Touch-Screen TStat	910121750
Indoor Sensor for 910121750	910129095
Outdoor Sensor for 910121750	910129096
Programmable TStat- 2 Heat/2 Cool, ACO & MCO and 7-day	910121748
Non-Programmable TStat- 2 Heat/2 Cool, ACO & MCO	910121746
Wall Sensor for 910121748 & 910121746	667720401

TStat Guards & Wall Plate

Description	Part Number
TStat Guard	105571101
10 Pack	105571110
Wall Plate, Insulated	107096101

MTIII Communication Module Kits

Description	Part Number
BacNet Field Conversion Kit *	910128889
LonWorks Field Conversion Kit *	910128888

* Kit includes comm module card, sensors, mounting tabs, and IM.

MTIII H-8 Harness Assembly Kit

Description	Part Number
MTIII, H-8 Output Wire Harness Assembly Kit	910107989

Field Installed Accessories

Loop Pump Modules

Description	Part Number
Hose Kit, 1.0" x 12 ft. Hose, 1/2" Fittings	910144772
Hose Kit, 1.0" x 12 ft. Hose, 3/4" Fittings	910144773
Hose Kit, 1.0" x 12 ft. Hose, 1.0" Fittings	910144774
Hose Kit, 1.0" x 12 ft. Hose, No Fittings	910144775
Single Pump, Geothermal Loop- Cast Iron	910127001
Single Pump, Geothermal Loop- Bronze	910127002
Dual Pump, Geothermal Loop- Cast Iron	910127003
Dual Pump, Geothermal Loop- Bronze	910127004
Pump Relay Kit	910125573

Waterside Economizer

Description	Part Number
3-Way Valve, Motorized, 1" Sweat	910128663
Actuator Motor, NC, 24V	107179809

Motorized Valves

Description	Kit *	Actuator	Body
2-Way Valve Kit, Motorized, Normally Closed (NC), 1 NPT	910131355	910129596	910129298
2-Way Valve Kit, Motorized, Normally Closed (NC), 1” Sweat	910131361	910129596	910129295
2-Way Valve Kit, Motorized, Normally Open (NO), 1” NPT	910128988	910129599	910129295
2-Way Valve Kit, Motorized, Normally Open (NO), 1” Sweat	910131358	910129599	910129294

***** Refer to IM 1151 for installing a motorized valve kit on MicroTech III units.

Ball Valves

Description		Part Number
Combination Shutoff/Balancing Valve with Memory Stop		
Ball Valve, 1"	Box of 2	106065302
Ball Valve, 1"	Box of 10	106065310

Unit Hanger

Description	Part Number
Unit Hanger Kit [1]	669997602

[1] Kit includes four (4) brackets (p/n 669823200), four (4) grommets (p/n 802003334), and hardware.

Field Installed Accessories

External Electric Heater

Description		Part Number
Electric Duct Heater Kit, 5 KW	**(C23= C)**	
Unit Sizes 042- 070	208/230/60/1	910128971
Unit Sizes 042- 070	208/230/60/3	910128973
Unit Sizes 042- 070	265/60/1	910128974
Unit Sizes 042- 070	460/60/3	910128975
Electric Duct Heater Kit, 10 KW	**(C23= E)**	
Unit Sizes 042- 070	208/230/60/1	910128976
Unit Sizes 042- 070	208/230/60/3	910128977
Unit Sizes 042- 070	265/60/1	910128978
Unit Sizes 042- 070	460/60/3	910128979
Electric Duct Heater Kit, 15 KW	**(C23= F)**	
Unit Sizes 042- 070	208/230/60/1	910128980
Unit Sizes 042- 070	208/230/60/3	910128981
Unit Sizes 042- 070	460/60/3	910128982
Electric Duct Heater Kit, 20 KW	**(C23= G)**	
Unit Sizes 042- 070	208/230/60/1	910128983
Unit Sizes 042- 070	208/230/60/3	910128984
Unit Sizes 042- 070	460/60/3	910128985

Field Installed Accessories

Hoses

Description	Specification	Part Number
Hose Assy, Fire Rated Condensate	3/4" NPT X 2'	106063801
	3/4" NPT X 3'	106063901
Hose Assy, Fire Rated Supply/Return (2 Pack)	1" NPT X 2'	106063401K
	1" NPT X 3'	106063501K
Hose Assy, Plastic Condensate	3/4" NPT X 30"	106063701
	3/4" NPT X 36"	106665101
Auto Flow Supply and Return w/Ball Valves and Strainer	8.0 GPM	106582932
Flow Control Hose Kit, Fire Rated Supply/Return- 1" X 2 FT	9.0 GPM	106582933
Includes: Supply Ball Valve, Y-Strainer, and 24" Stainless Steel Hose.	10.0 GPM	106582934
Return Flow Controller, Ball Valve, (2) P/T, 24" Stainless Steel Hose.	11.0 GPM	106582935
	12.0 GPM	106582936
	13.0 GPM	106582937
	15.0 GPM	106582939
	18.0 GPM	106582942
Auto Flow Supply and Return w/Ball Valves	8.0 GPM	669482501
Flow Control Hose Kit, Fire Rated Supply/Return- 1" X 2 FT.	9.0 GPM	669482502
Includes: Supply Ball Valve, and 24" Stainless Steel Hose.	10.0 GPM	669482503
Return Flow Controller, Ball Valve, (2) P/T, 24" Stainless Steel Hose.	11.0 GPM	669482504
	12.0 GPM	669482505
	13.0 GPM	669482506
	15.0 GPM	669482507
	18.0 GPM	669482508
Hose Kits Supply and Return w/Ball Valves	1" NPT X 2'	669481501
	1" NPT X 3'	669481502
Hose Kits Supply and Return w/Ball Valves and Strainer	1" NPT X 2'	669482001
	1" NPT X 3'	669482002
Hose Kits Jumper Jumper Hose Kit w/90° Adapter	1" NPT X 7'	669483301

***** Refer to IM 1226 for Daikin Fire Rated Hoses & Hose Kits and for installation instructions.

Field Installed Accessories
Continued

MicroTech III Temperature Sensors

Part Number	Kit	Tenant Override	Set Point Adjustment	Status LED	Fan & Mode Switches
669088101	669529001	Yes	No	No	No
668900801	669529101	Yes	55˚ to 95˚F (12˚ to 35˚C)	Yes	Yes
669088201	669529201	Yes	-3˚ to +3˚F (-1.5˚ to 1.5˚C)	No	Yes

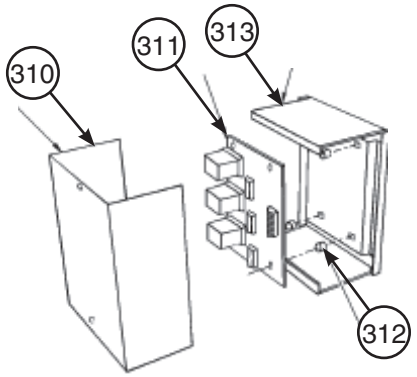
Note: Can only be used in conjunction with a communication (Comm.) card. See OM 931 for required jumper settings.

MicroTech III Unit Control Accessories

Description	Part Number
** Multiple Unit Control Panel: Allows a master unit controlled by a T'Stat, to operate up to 3 secondary units Not Recommended for use with a Boilerless System Kit	056794201

** Kit components listed below

Multiple Unit Control Panel Kit



Ref. No.	Description	Part No.	Qty.
310	Cover, Control Box	106436101	1
311	Circuit Board	056794001	1
312	Stand Off, Circuit Board	802028090	6
313	Box	850007827	1

Critical Daikin Applied OEM Parts Are What Your Daikin Applied HVAC Unit Needs!

SmartSource™ Single Stage WSHP

WGSH Sizes 042 - 070

Design 1

CRITICAL COMPONENTS	MODEL	UNIT SIZE	VOLTAGE	PART NUMBER
CONTROLS				
COMPRESSOR				
36000 BTUH	ALL	042	208-230/60/1	669816409
36000 BTUH	ALL	042	208-230/60/3	669816411
36000 BTUH	ALL	042	460/60/3	669816410
42000 BTUH	ALL	048	208-230/60/1	668408001
42000 BTUH	ALL	048	208-230/60/3	668408002
42000 BTUH	ALL	048	460/60/3	668408003
51000 BTUH	ALL	060	208-230/60/1	669816415
51000 BTUH	ALL	060	208-230/60/3	669816417
51000 BTUH	ALL	060	460/60/3	669816416
61500 BTUH	ALL	070	208-230/60/1	669816418
61500 BTUH	ALL	070	208-230/60/3	669816420
61500 BTUH	ALL	070	460/60/3	669816419
BLOWER FAN MOTOR				
ECM & Program	ALL	ALL	ALL	See mtr nameplate
BLOWER FAN ASSEMBLY				
Blower Housing Assy	ALL	ALL	ALL	668151101
REFRIGERATION CIRCUIT				
Reversing Valve	ALL	ALL	N/A	910125410
Solenoid-Reversing Valve	ALL	ALL	N/A	106694207
SENSOR				
Suction Line Temp Sensor, 10K (SLTS)	ALL	ALL	N/A	910121231
Air Temp Sensor, 10K (DAT, RAT)	ALL	ALL	N/A	910106325
Water Temp Sensor , 10K (EWT, LWT)	ALL	ALL	N/A	107201601

Call Your Local Daikin Applied Parts Distributor For All Your Parts Needs.
To Locate A Distributor, Go To www.DaikinApplied.com or Call 1-800-37PARTS